

Randomly Select Clones from library containing about 20% unknown clones

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Isolate Plasmid DNA

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Restriction map

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Sequence 8 to 600 bases from 3' end

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BLAST search public database

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PCR amplify with an insert- and a vector specific primer to make a 3' PCR product

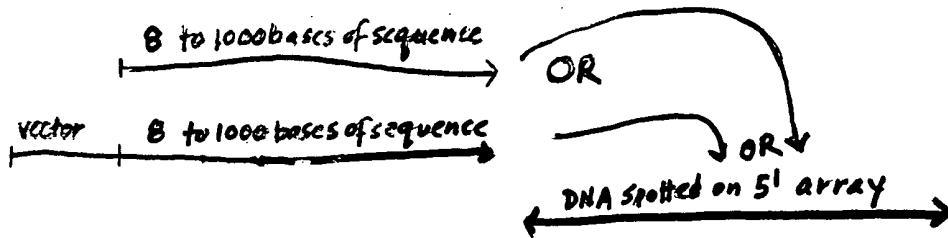
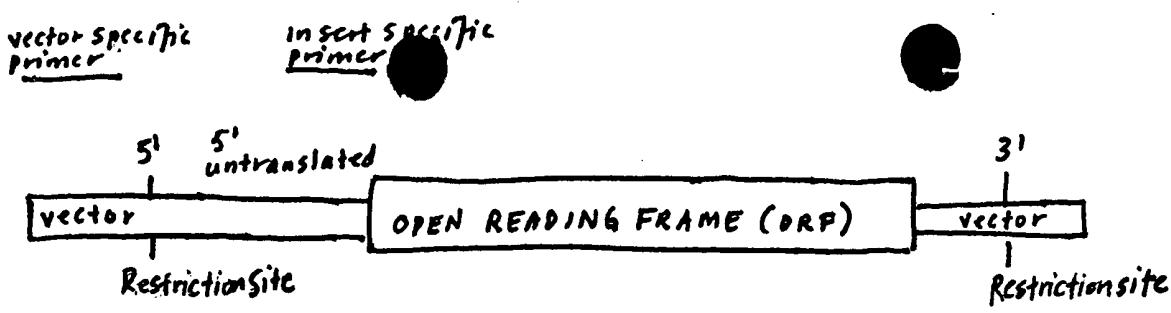
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Spot PCR products to produce an array comprising noncoding sequences present at the 3' end of an RNA transcript

FIGURE 1A



Randomly Select Clones from library containing about 20% unknown clones
clones ↓

Isolate Plasmid DNA



Restriction map



Sequence **B** to 1000 bases from **5'** end



BLAST search public database



PCR amplify with an **insert**- and a **vector specific primer** to make a **5'** PCR product



Spot PCR products to produce an array comprising noncoding sequences present at the **5'** end of an RNA transcript

FIGURE 1B

	Aligned bases	Alignable bases	% Aligned/Alignable
A	30 100 40	100	100
	100		100%
B	30 90 25	90	120 (30 + 90)
	35 90		75%
C	25 90 40	90	145 (25 + 90 + 30)
	35 90 30		62%
D	40 25 65	105	130 (105 + 25)
	105		81%

FIGURE 2